# OHIO PUBLIC WORKS COMMISSION

77 South High Street - 16th Floor Columbus, OH 43266

# APPLICATION for PROJECT SUPPORT

CB112

OPWC Use Only							
Application ID Number		Proj	ect ID Nu	mber			
Date Received			Date Received				
MO	DAY	YR	МО	DAY	YR		
Amount Requested S			Amo	ount Appro	oved		

	<u> </u>	•			
SECT	ION 1 - APP	ICANT INFO	RMATION		
1.1 LEGAL APPLICANT/RECIPIE Name Thomas W. Moeller	1.3 Nam	CONTACT: Thomas	W. Moell	er .	
Organization City of Madei	rations Fitte	City M	anager		
Address 7141 Miami Avenue		Add	ress 7141 M	iami Aven	ıe
City & Zip Madeira, OH 4524	3	<u>. Com</u> s 27 uo 21 o		a, OH 452	
		Pho	(513) [ ne	561-7228	•
1.2 DATE SUBMITTED: MO	PAY Y	<u>B</u>	THE LANGE	and the same of th	•
	÷				
SEC	TION 2 - PRO	DJECT INFOR	MATION		•
2.1 TITLE OF PROJECT: ABUTM	ENT REPAIR	/ BRIDGE	NO. B-0101		
2.2 BRIEF DESCRIPTION REPAIR OF CONCRETE BRIDGE ON BRIDGE NO. B-0101 (CAM	ARGO ROAD)	BRID SHAW IN M	GE IS LOCA NEE RUN RO ADEIRA - P	affected) TED_WEST_( AD_ON_CAMA OPULATION	OF ARGO ROAD 9,700
2.4 PROJECT TYPE:			in Appropria		<del> </del>
	Replacement	Repair	Expansion	New	Other (Expl.)
Road		<b>***</b>			
Bridge / ABUTMENT Water Supply	<u> </u>	\$28,000.00			<u> </u>
Wastewater Treatment Facility					
- Sanitary System	ago, cara april 1	: .			
Solid Waste Disposal Facility				. An S	
Stormwater System Flood Control System					
Other (Explain)					
2.5 PROJECT STATUS AND SCHI	EDULE				
	E	stimated Start Dat 9-89	c	Estimated Comp	
Preliminary Design		9-89 9-89		7-29-89 8-29-89	
Detailed Design and Bid Documen Site Related	N/A				
Construction Bid Process C	8-2	9-89		9-29-89	

	Appn. No.	Project No.
SECTION 3 - FUNDIN	G INFORMATION	
3.1 ESTIMATED COST:  Administrative and Legal \$  Preliminary Engineering 2,000.00  Site Related  Construction Engineering / \$1,000.00  INSPECTION	Construction Equipment and Facilities Contingencies Other (Explain) TOTAL	\$ 25,000.00
3.2 PROPOSED FUNDING:  Federal/State  State only Local  Other (explain)  OPWC  Category  Capital Improve  Capital Improve  Capital Improve  District/Grant.	######################################	
3.3 OPWC ASSISTANCE REQUESTED	3.4 TYPE OF O	PWCFUNDS:
Grant (100% of funds in years 1 and 2)  Loan (Beginning in year 3)  Debt Support (Beginning in year 3)  Credit Enhancement (Beginning in year 3)	Emerg	
3.5 DESCRIPTION OF APPLICANT'S EFFORTS AND ABII CITY OF MADEIRA WILL PROVIDE \$5,500.00 FROM CAI	ITY TO ASSIST IN FINANCE ITAL IMPROVEMENT AND F	CING THE PROJECT: REPLACEMENT FUNDS.
SECTION 4 - APPLICAN	CERTIFICATION	
4.1 The Applicant Certifies that:  To the best of my knowledge and belief, data in this application are true and comprisities has been completed in compliance with R.C. 164.06(C), the documents has applicant will comply with required assurances including minority hiring, Buy Ohio	De Neem 2000 to airth amend has also manage."	
Certifying Representative: Signa (Type name and title) Thomas W. Moeller, City Manager	nue:	Date Signed 6-22-89
SECTION 5 - DISTRICT COMM	ITTEE CERTIFICATION	
5.1 The District Integrating Committee for District Number Committee has selected this request for assistance to be submitted to the Director, repair and replacement needs of the district, age and condition of the system, ability ability to Imance, availability of federal or other funds, adequacy of planning for project, and allocation limits of District (Secs. 164.05 and 164.06 B of ORC), and, if revidence satisfactory to the Director that the foregoing considerations have been man	OPWC, with specific consideration have to generate revenue, importance of proceed, adequacy of a 5-year infrastructure	ring been given to infrastructure

Signature:

me:

Certifying Representative:
(Type name and title) Donald C. Schramm, p.e.-p.s.

Date Signed

## Brandstetter/Carroll, Inc.

Architects Engineers Planners

CONSTRUCTION COST ESTIMATE ABUTMENT REPAIR, BRIDGE NO. B-0101 MADEIRA, OHIO JULY 14, 1989 8874

BRANDSTETTER/CARROLL, INC. ENGINEERS/ARCHITECTS/PLANNERS

Mobilization Concrete Abutment Wall	Lump Sum	\$ 1,000.
Excavation Dowels/Steel Concrete	Lump Sum Lump Sum 10 C.Y. @ \$500/C.Y.	2,000. 2,000. 5,000.
Ceiling Repairs Gravel Fill Dewatering Exterior Concrete Floor Interior Concrete Floor Guard Rail, Remove & Replace Seeding and Restoration	50 S.F. @ \$40/S.F. 10 C.Y. @ \$50/C.Y.  Lump Sum 6 C.Y. @ \$350/C.Y. 6 C.Y. @ \$400/C.Y. 70 L.F. @ \$50/L.F.  Lump Sum	\$ 2,000. 500. 1,000. 2,100. 2,400. 3,500. 2,000.
·	Contingency	1,500.
	Total	\$ 25,000.

Bruce G. Brandstetter, P.E.

### Brandstetter/Carroll, Inc. Architects Engineers Planners

July 6, 1989

Mr. Joseph Hipfel
Hamilton County Engineers Office
Room 700
City Administration Building
138 E. Court Street
Cincinnati, Ohio 45202

Re: Bridge Abutment Repair Madeira, Ohio State Issue II Funds

Dear Mr. Hipfel:

Thomas Moeller, Madeira City Manager, requested that we provide you additional information in regards to the above referenced project.

First, we have enclosed a copy of our initial cost estimate. This cost estimate was initially submitted with the grant application. Our preliminary design is scheduled to be completed on July 10, 1989. At that time, we will submit a more detailed cost estimate along with our preliminary drawings.

The second item requested is in regards to the expected design life of the project. This project will have a design life in excess of 25 years.

If you have any questions or require additional information, please do not hesitate to contact me. We will contact you in the near future to discuss plan review requirements, bidding, pay requests and so forth.

Sincerely,

Bruce G. Brandstetter, P.E.

Vice President

cc: Thomas Moeller

BGB/kh PC:1t070689/C





# County of Hamilton

### DONALD C. SCHRAMM, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING
138 EAST COURT STREET
CINCINNATI, OHIO 45202
GENERAL INFORMATION (513) 632-8523

#### PROJECT SELECTION CRITERIA AND PROCEDURE

To fairly select projects for formal submission to the Director of the Ohio Public Works Commission or the Administrator of the Small Government Capital Improvements Commission and to comply with the requirements of Division (B) of Section 164.06 of the Ohio Revised Code by considering each application in light of the specific factors stipulated therein, the District #2 Integrating Committee adopted a numerical point rating procedure developed by a team of registered professional engineers.

All applications for assistance under the State Issue #2 Infrastructure Financing Program were evaluated by a support staff of registered professional engineers in accordance with the adopted rating procedure including on site verification of need and project eligibility. A listing of all projects in order of descending numerical rating was compiled.

Each applicant received notification of the numerical rating of their specific projects and were given opportunity to comment on and question the point values assigned to each factor.

The staff and ultimately the District Committee took into consideration valid comments and questions received. A reassessment was made and where justified, adjustments made in the numerical ratings. A final listing of projects in order of descending numerical rating was compiled. Based on a maximum rating of 115 points; project ratings ranged from a high of 88 points to a low of 43 points.

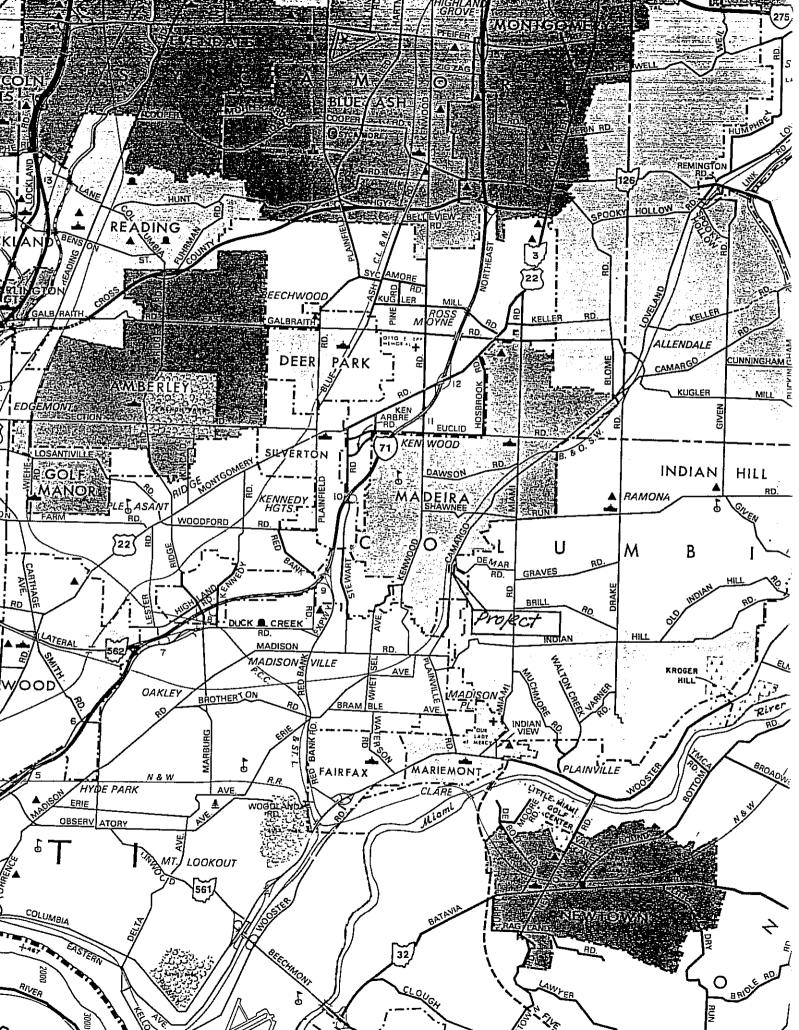
Beginning with the highest rating, each project was voted on by the Integrating Committee. The final list of recommended projects was determined and finialized when the sum total of infrastructure funds (requested for projects receiving the necessary seven (7) votes for approval) approximately matched the level of infrastructure funds anticipated for the District.

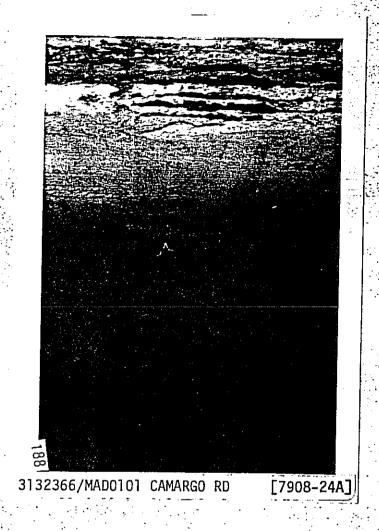
The	project	herewith	attached	received	a	rating	of	フフ	
T-11-	P-0100	1101 011 011	~~~~~~		-		~		

Respectfully submitted,

Donald C. Schramm, Chairman

District #2 Integrating Committee





## APPLICATION YEAR: 1989

## STATE OF OHIO

## INFRASTRUCTURE BOND PROGRAM

## DISTRICT 2 HAMILTON COUNTY

## PROJECT APPLICATION

TI.		· · · · · · · · · · · · · · · · · · ·		and the second second second
Jurisdiction/Agency: Made	eira		Population (1980)	9341
mProject Title: <u>Abutment R</u>	Repair, Bridge No. B-		·	
Project Identification an	d Location: Bridge lo	ocated	west of Shawnee R	un Road
on Camargo Road.				
Type of Project: Reh	abilitation 🗓 Rep	olace	Betterment	*
(Mark more than one lane bridge being r	e box if there are ex replaced with a 4 lar	xpansio ne brid	n elements such a ge)	ıs 2
Explanation of Betterment	Elements of Project*	•: <u>N/A</u>		· 
		·		
Road X Bridge X Flood	Control System (Stor	mwater:	X Water Supply	Systems
Golid Waste Disposal Facil	ities Waste Wate	r Treat	tment Systems	_,
Storm Water and Sanitary C				]
Detailed Description of Pr				of bridge
abutments to stabilize roa				
	•			
		**		
ype of Issue 2 Funds:	District 2	X	Small Government	
	Water/Sewer Rotary		Emergency	
See definition of Bettero *Attach additional sheets	nent attached. if necessary.			

Page 1

, 1.	Is this a roadway, bridge, or stormwater project? Yes	
2.	If State Issue 2 funds are awarded, how soon would toccur after project approval?  Explain in definite statements and dates the adequator the project and the readiness of the applicant to project be approved. As a minimum list, the LENGTHS Of the following:	cy of the planning
	a) Selection of Consultant (if applicable).	<u>completed</u>
	b) Preliminary development or engineering.	in progress
	c) The preparation of detailed construction plans.	30 days
	d) Right of Way acquisition (if applicable). (Please note that right of way acquisition is a time consuming process).	N/A
3	e) Utility coordination To be coordinated during prepared detailed construction plans.  Using averages where necessary, what is the confirmatructure to be replaced or repaired? For bridges, latest general appraisal and condition rating.  Include a brief statement of condition and deficience facility such as: inadequate superstructure (bridge), width, structural condition of surface, bern width, grad distances, drainage structures, sanitary sewers. When accurately ascertainable, use age of facility. Lisinfrastructure to be repaired or replaced using one categories: less than 20 years, 20-29 years, 30-39 years years or older Current Cond. = 5, Sufficiency Rating The culvert is over 50 years old.	condition of the base condition on es of the present surface type and les, curves, sight condition is not the age of the e of the following
4.	How will the proposed infrastructure activity impact t and welfare of the service area, including convenien life?  Discuss the following items pertaining to the project the completion of the project) as thoroughly as possible.  a) Emergency response time - for example, are vehicles of to use alternate routes delaying emergency response time.	Ce and quality of (before and after
	b) Detour characteristics — for example, are the alternat to handle the additional traffic and loads of a detour?	e routes adequate N/A

e, Additional User Costs - The additional distance and time for the users to travel the detour or alternate routes. N/A d) Adverse impact on adjacent businesses - How does the existing detour or the proposed project have any impact on the adjacent businesses? If the roadway continues to fail, 8000 cars will be affected \_from numerous communities. Are matching funds available? (i.e. Federal, State, MRF, Local, etc.) To what extent of anticipated construction cost? ■ List the type and amount of funds being supplied by the local agency. This amount may be from local, Federal, State, Municipal Road Fund (MRF), or other sources. Explain additional funding through other sources being applied for or received for the project. Also, explain any need to accumulate funds for construction at a later date. Complete LOCAL FUNDING SOURCES on Page 5. ■ The local agency shall supply a minimum of 10% of the anticipated construction cost. Additionally, the local agency shall pay for all costs engineering, inspection of construction, right of way, and the betterment portion of the project. Complete ESTIMATED COST OF PROJECT, on Page 5. How will the proposed infrastructure activity impact the public's safety? ■ Include a brief statement indicating how the activity will impact the public safety. For example, will the activity reduce the number of Accident records should be attached where applicable. List whether an existing bridge is functionally obsolete or structurally deficient (This information may be obtained from City, County or State where applicable); or will the addition or improvement of storm sewers reduce accidents on a roadway or bridge. Stabilizing the roadway will improve rideability and safety of Camargo Rd. Installation of guardrail will reduce the severity of accidents. Has any formal action by a federal, state, or local government agency

5.

6.

- 7. resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure?
  - Are there any roads or streets within the proposed project limits that have weight limits (partial ban) or truck restrictions (complete ban)? Have any bridges had weight limits imposed on them (partial ban) or truck prohibitions (complete ban)? Have the issuance of new Building permits been limited (partial ban) or halted (complete ban) because the existing storm/sanitary sewer or water supply system in a particular area is inadequate? Document with specific information explaining what type of ban currently exists and the agency that imposed the ban.

No.	

- 8. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as households, traffic count, daily users, etc., and equate to an equal measurement of users.
  - For roads and bridges, compute current Average Daily Traffic and multiply by 1.2 occupants per car (I.T.E. estimated conversion factor) to determine users per day. Documentation should include recent traffic counts. Where the facility currently has any restrictions or is partially closed, use traffic counts prior to restriction. For storm sewers, determine the approximate number of residents within the area drained by the storm sewer under consideration. 8000 cars, or approx. 9600 people

will benefit who travel Camargo Road. This tributary of Camargo Creek drains 143 acres and 150 homes at this point.

- 9. Does the project have regional impact? (How many jurisdictions will be served or will benefit from this project?)
  - Determine how many jurisdictions will significantly benefit from the project. Try to determine the service area of the project, using destination studies and other methods of documentation as available.

The improvement will directly serve Madeira and Indian Hill as well as Camargo Road users from Cincinnati, Madisonville, and Crosby and Symmes Townships.

- 10. The applicant has conducted a study of its existing capital improvements and their conditions. A five year overall Capital Improvement Plan (that shall be updated annually) is attached or on file with the District 2 Integrating Committee for the current year or shall be submitted by March 31 of the program year. The Plan shall include the following:
  - a) An inventory of existing capital improvements,
  - b) A plan that details capital improvements needs during the next five years and,
  - c) A list of the political subdivision's priorities in addressing these needs.

The attached Form 1 shall be completed for those projects which are being submitted for Issue 2 funds.

The five year CIP will be submitted by March 31, 1989.

# 11.) PROJECT SCHEDULE

<u>ACTIVITY</u>		TARGET DATE
Consultant Selection (if applicable)	•	completed
Preliminary Engineering Completed	30 days from	award
Detailed Plans Completed	60 days from	award
Right-Of-Way Acquired (if applicable)		N/A
Contract Let	90 days from	award
Construction Completed	60 days from	contract Let
12.) ESTIMATED COST OF PROJECT		
•		
ACTIVITY	ISSUE 2 FUNDS	LOCAL FUNDS
Planning, Design, Engineering	(100% Local)	\$ 2,000.
Right-Of-Way/Real Property	(100% Local)	s <u>-0-</u>
Inspection of Construction	(100% Local)	\$ 1,000.
Construction and Contingencies	\$ 22,500.	\$ 2,500.
Betterment Portion	\$	
Subtotal	\$ 22,500.	\$ <u>5,500.</u> **
Grand Total (Issue 2 Funds Plus Local Funds)		\$ <u>28,000.</u>
LOCAL FUNDING SOURCES		
Municipal Road Fund (MRF)		\$
State Fuel & License Funds	\$	
Local Road Taxes	\$	
Local Bond or Operating Funds	\$	
Misc. Funds (Specify) Local Funds, C.I.	&R.	\$ 5,500.
Total Local Funds		\$ <u>5,500</u> . **

<sup>\*\*</sup> These numbers must be identical

### 13.) <u>CAPITAL IMPROVEMENT PLAN</u>

LOCAL ABILITY TO PAY

## Previous Capital Budget Expenditures For Infrastructure Projects\*

	As % of Total Revenue	Debt/Revenue Ratio
1985 \$ 153,225	<u>8</u>	_13%
1986 \$ 404,734	18 %	<u></u>
1987 \$ 525,057		70 
Projected Capital Expenditures For Inf	rastructure Projects*	•
	As % of Total Revenue	Debt/Revenue Ratio
1988 \$ 411,715		<b>56%</b>
1989 \$ 425,000	<u>15</u> <u>"</u>	<u>74                                    </u>
1990 \$ 450,000	16 %	82
Municipal Income Tax	Rate 1 y	Revenue, 1988 \$_800,000
Property Tax	7.5 mils	\$
<u>Current</u> Total Bonding Capacity	\$7,840,000	
Available Bond Capacity	\$6,365,000	
<u>Estimated (end of next fiscal year)</u> Total Bonding Capacity	\$7,840,000	%
Available Bond Capacity	\$2,665,000	%

<sup>\*</sup> Use only funds expended for construction contracts.

### 14.) <u>AUTHORIZATION</u>

The applicant hereby affirms that local funds will be provided if this project is selected.

Note: Attach with application any photographs, reports, plans or other available data on the project.  City of Madeira	William & Toth
	Signature
Miami and Euclid Avenues	William Toth
	Name
Madeira, Ohio 45243	City Manager
Address	Position
513 -7228ر 513ر	City of Madeira
Phone (Work)	Local Jurisdiction/Agency

# STATE OF CHIC - DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BRIDGE INSPECTION REPORT

1 BR-86 REV 01-77	BRID	OGE	INS	SPECTION REPORT	follows: 1		
3 1 3 7 6 5 1 STRUCTURE FILE NUMBER 7	MBER H	A M	\$ 0 RC	292 0264MAD MUNI= 2395	YEAR BU	1:	500
08 111	, E SERVIC	3	1	5 SYCAMORE CREEK	HA		
DECK 1. FLOOR scaling, exposed us teel	1 8		3	2. WEARING SURFACE	Z <sub>56</sub>	TYPE 2	1
3. CURBS & WALKWAYS	10			4. MEDIAN		58	
5. RAILING Scaling	1	1	3	6 DRAINAGE	Ü 59	0	2
7. EXPANSION JOINTS	14			8. SUMMARY		61	5
SUPERSTRUCTURE 9. ALIGNMENT		16		10. BEAMS or GIRDERS	62		
11. DIAPHRAGMS or CROSSFRAMES		17		12 JOIST	ηz	54	
.13. FLOOR BEAMS		18		14 FLOOR BEAM CONNECTIONS		65	
15. VERTICALS	· <u>,                                     </u>	19		16. DIAGONALS		66	
17. END POST		20		18. TOP CHORD		67	
19. LOWER CHORD		21		20. LOWER LATERAL BRACING		68	
21. TOP LATERAL BRACING	<u> </u>	22		22 SWAY BRACING		69	
23. PORTALS	· <u>-</u>	23		24. BEARINGS	70		
25. ARCH		24		26. ARCH COLUMNS or HANGERS		72	
27. SPANDRAL WALLS		25		28 Suspension System		73	
29. SUSPENDERS		26		30. TOWERS	·	74	
31. BENT POST		27		32 ANCHORAGE		75	<del></del>
33. BRIDGE MACHINERY		28		34. PAINT	76		
35. LIVE LOAD RESPONSE SUBSTRUCTURE Out 1 1 2 1 3	MAT.	29	ន	36. SUMMARY	····	79	
37. ABUTMENTS _ 1 Negrelled 18" 2/3	121	3	3	38. ABUTMENT SEATS		BO	
39. PIERS 33	3			40. PIER SEATS		81	
41. BACKWALLS		36		42. WINGWALLS	<del>"</del>	82	3_
43. FENDERS & DOLPHINS  CULVERTS		37		44. SUMMARY		83	6
45. GENERAL	38			46. ALIGNMENT		84	<del></del>
47. HEADWALLS OF END WALLS CHANNEL	40			48. SUMMARY	, _ 1	85	
49. ALIGNMENT		42	2	50. PROTECTION	O 86	0	2
51. WATERWAY ADEQUACY DEFINE SET 1 TOTH - 4.9 A.4.  APPROACHES		43	2	52. SUMMARY		88	7
53. PAVEMENT	2 <sup>3</sup>	2	1	54 ALIGNMENT		89	1

We question wether proposed project is effective without increasing size of RAI/ROAD

APPLYING JURISDICTIONS/AGENCIES: NOTE THAT THIS FORM IS BEING OFFERED FOR INFORMATION PURPOSES ONLY. IT WILL BE FILLED OUT BY THE SUPPORT STAFF, BASED ON INFORMATION SUPPLIED ON APPLICATION FORMS.

### OHIO'S INFRASTRUCTURE BOND PROGRAM (ISSUE #2)

DISTRICT 2 - HAMILTON COUNTY 1989 PROJECT SELECTION CRITERIA

JURISDICTION/AGENCY: MADERITA				
PROJECT	IDENT	IFICATION: EUCLID CAMARGO Rd @ SYCAMORE CRECK		
BRIdo	- 140	LOG. NO. MAD. 3137651		
PROPOSED	FUNDI	ING:		
ELIGIBLE	CATEG	GORY:		
POINTS				
20	1.	Is this a roadway, bridge, or stormwater project?		
		20 points - Yes O points - No		
10	2.	If State Issue 2 funds are awarded, how soon would the opening of bids occur after project approval?		
		15 points - within six months 10 points - six to 12 months 0 points - over twelve months		
6	3.	Using averages where necessary, what is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.		

#### CONDITION

10 points - Closed 8 points - Poor

6 points - Fair ✓

4 points - Good

GENERAL APPRAISAL 5A SUFF. RATING- 61.6

4	4.	How will the proposed infrastructure activity impact the general health and welfare of the service area, including convenience and quality of life?
		<pre>10 points - significantly 7 points - moderately 4 points - minimally 0 points - no impact</pre>
10	5.	Are matching funds available? (i.e. Federal, State, MRF, Local, etc.) To what extent of anticipated construction cost?
		10 points - more than 50% 8 points - 40-50% 6 points - 30-39% 4 points - 20-29% 2 points - 10-19%
8_	6.	How will the proposed infrastructure activity impact the public's safety?
		20 points - significantly 14 points - moderately 8 points - minimally 0 points - no impact
<u>O</u>	7.	Has any formal action by a federal, state, or local govern- mental agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure? This includes reduced weight limits on bridges.
		10 points - complete ban 5 points - partial ban 0 points - no action
4-7	8.	What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as household, traffic count, daily users, etc., and equate to an equal measurement of persons.
		10 points - over 10,000 people 7 points - 5,000 to 10,000 people 4 points - less than 5,000 people
2	9.	Does the project have regional impact? (How many jurisdictions will be served or will benefit from this project?)
		<pre>10 points - major regional impact (4 or more jurisdictions) 5 points - secondary regional impact (2 or 3 jurisdictions) 2 points - little or no regional impact (1 jurisdiction)</pre>
64-67	TOTAL	_ POINTS

7 17 1